Subject index of volume 27 (2000)

A

Abdominal scintigraphy 1768
Absolute and relative quantitation 1356
Absolute renal function 727
Absorbed energy dose 1591
Acetazolamide 700
Acquisition modes 707
Acute myocardial infarction 517, 1494, 1641
α_2-adrenoceptor 475
α_1-Adrenoceptor radioligand, GB67 7
Age 867
Allograft rejection 1754
Amino acid transport 1543
Amputation 497
Angioplasty 223
Animal studies 346
Antibody 1334
Antimicrobial peptides 292
Antisense 1700
Apoptosis 359
Arrhythmias 807
Arterial perfusion scintigraphy 668
Artificial intelligence 400
Artificial neural networks 400
Attention deficit hyperactivity disorder 1518
Attenuation correction 131, 1349, 1365, 1501
Auger/conversion electron emitter 753
Autoimmune pancreatitis 1835
Autonomic nervous system 7

B

Bacterial infection 292
Behçet's disease 700
Benzodiazepine receptors 1674
Beta-blocker 419
Biliary obstruction 170
Biliary-enteric anastomosis 170
Binding assay 292
Biodistribution 33, 1326, 1700
Blood 25
Blood sampling 407
BMIPP 33, 1494
Body size 1708
Bone metastases 1403
Bone scan 497, 721
Bone scintigraphy 1305, 1552
Bowen's disease 842
Brain abscess 46
Brain activation 1800
Brain neoplasm 46
Brain perfusion 1380
Brain single-photon emission tomography 202
Brain tumours 542, 550, 778
Breast cancer 377
Bypass surgery 1747

C

Calcitonin 490
Cancer 731
Carbon 11 25
Carcinoembryonic antigen 209
Cardiac efficiency 319
Cardiac metabolism 1650
Cardiac sympathetic nervous system 1641
Cardiomyopathy 686, 1340
Catecholamine 1760
CCK receptor 1312
Cell culture 1700
Cerebral blood flow 559
Cerebral glioma 1543
Cerebral perfusion 1557
Cerebrovascular disease 1557
[^{11}C]FLB-457 1666
[^{11}C]Flumazenil 1674
[^{11}C]GB67, rat and human 7
Charcoal 857
Chelators 1700
Children 832, 1610
Cholecystokinin 1312
Choline 25, 1413
Coeliac disease, Interleukin-2 18
Coincidence detection 676, 1501
Collateral circulation 508
Colon transit 857
Compartment-orientated microdissection 490
Complexes 1845
Computed tomography 1457
Computerised tomography 619
Copper-64 638
Coronary artery disease 1292
Coronary flow reserve 1340
Cost-effectiveness 1441, 1598
Cost-effectiveness analysis 1457
Cranial lesions 1473

D

DAPP 1719
DASB 1719
Defibrillator 807
Dendrimer 1334
Diagnosis 447
Diaschisis 700
Diethylene triamine penta-acetic acid 441
Difference images 155
Differentiated thyroid cancer 1465
Differentiated thyroid carcinoma 431
Dimercaptosuccinic acid 727, 1405
Diphosphines 638
Dipyridamole 788
Disease activity 1626
DMSA 1610
Dobutamine echocardiography 1740
6-^{18}-F-L-dopa 707
Dopamine 1666
Dopamine transporter imaging 346, 867
Dopamine transporters 1714, 1809
Dopaminergic medication 346
Dose escalation 123
Dosimetry 76, 766, 1326
Double-head coincidence camera 1617
Doxorubicin 686
Drug influence 340
Dual single-photon emission tomography 536
Dual-head gamma camera 1501

E

ECG-gated single-photon emission tomography 517
Echocardiography 574
Economics 1441, 1598
Effective renal plasma flow 351
Ejection fraction 185, 694
Electronic database 91
Emission tomography 161
Emptying 647
Endocarditis 392
Endovascular brachytherapy 76, 223
Enteric capsule 857
Epidepride 206
Epilepsy 50, 155, 202
Ethyl cysteinate dimer 1800
Exercise 33, 788
Exercise rehabilitation 333
Exercise stress test 327
Extent of surgery 833
Extrastriatal dopamine D_2 receptor 1666

F

[^{18}F]2′-deoxy-2-fluoro-D-glucose 1617
FDG-PET 1538
Feasibility 1694
Fever of unknown origin 1617
Fine-needle aspiration biopsy 62
Flank pain 441
Fluorine-18 α-methyltyrosine 1509
Fluorine-18 fluorodeoxyglucose 70, 91, 490, 524, 590, 676, 822, 1305, 1365, 1509, 1564, 1778, 1835
2-[^{18}F]fluoro-2-deoxy-D-glucose 407
[^{18}F]-2-fluoro-2-deoxy-D-glucose 731
Fluorodeoxyglucose 583, 1441, 1598
Fluoxetine 1402
Focal ischaemia 308
Follow-up 431
Follow-up studies 1292
Fourier analysis 1531
[^{123}I]FP-CIT 346, 867
Frostbite 41, 497
Function 1708
Functional recovery 1494

G

Gadolinium 1334
Gallium-67 citrate 1617
Gallium-67 scan 176
Gallium-67 scintigraphy 1626
Gallium-labelled radioligands 273
Gamma camera 619
Gastric peristalsis 1531
Gastric scintigraphy 1531
Gastrointestinal toxicity 668
Gated single-photon emission tomography 413, 419, 694, 1372, 1747
Gender 867
Gene therapy 283
Geometric arc correction 83
Germ cell tumour 590
Glucose transporter 1778
Glutamate 1723
Graphical analysis 1714
Gravity 529
GRP receptor 1694
Guidelines 1465

H

Haematotoxicity 123
Head injury 1410
Heart 302
Heart failure 319
Heart, rat and human 7

Subject index of volume 27 (2000)

A

Abdominal scintigraphy 1768
Absolute and relative quantitation 1356
Absolute renal function 727
Absorbed energy dose 1591
Acetazolamide 700
Acquisition modes 707
Acute myocardial infarction 517, 1494, 1641
α_2-adrenoceptor 475
α_1-Adrenoceptor radioligand, GB67 7
Age 867
Allograft rejection 1754
Amino acid transport 1543
Amputation 497
Angioplasty 223
Animal studies 346
Antibody 1334
Antimicrobial peptides 292
Antisense 1700
Apoptosis 359
Arrhythmias 807
Arterial perfusion scintigraphy 668
Artificial intelligence 400
Artificial neural networks 400
Attention deficit hyperactivity disorder 1518
Attenuation correction 131, 1349, 1365, 1501
Auger/conversion electron emitter 753
Autoimmune pancreatitis 1835
Autonomic nervous system 7

B

Bacterial infection 292
Behçet's disease 700
Benzodiazepine receptors 1674
Beta-blocker 419
Biliary obstruction 170
Biliary-enteric anastomosis 170
Binding assay 292
Biodistribution 33, 1326, 1700
Blood 25
Blood sampling 407
BMIPP 33, 1494
Body size 1708
Bone metastases 1403
Bone scan 497, 721
Bone scintigraphy 1305, 1552
Bowen's disease 842
Brain abscess 46
Brain activation 1800
Brain neoplasm 46
Brain perfusion 1380
Brain single-photon emission tomography 202
Brain tumours 542, 550, 778
Breast cancer 377
Bypass surgery 1747

C

Calcitonin 490
Cancer 731
Carbon 11 25
Carcinoembryonic antigen 209
Cardiac efficiency 319
Cardiac metabolism 1650
Cardiac sympathetic nervous system 1641
Cardiomyopathy 686, 1340
Catecholamine 1760
CCK receptor 1312
Cell culture 1700
Cerebral blood flow 559
Cerebral glioma 1543
Cerebral perfusion 1557
Cerebrovascular disease 1557
[^{11}C]FLB-457 1666
[^{11}C]Flumazenil 1674
[^{11}C]GB67, rat and human 7
Charcoal 857
Chelators 1700
Children 832, 1610
Cholecystokinin 1312
Choline 25, 1413
Coeliac disease, Interleukin-2 18
Coincidence detection 676, 1501
Collateral circulation 508
Colon transit 857
Compartment-orientated microdissection 490
Complexes 1845
Computed tomography 1457
Computerised tomography 619
Copper-64 638
Coronary artery disease 1292
Coronary flow reserve 1340
Cost-effectiveness 1441, 1598
Cost-effectiveness analysis 1457
Cranial lesions 1473

D

DAPP 1719
DASB 1719
Defibrillator 807
Dendrimer 1334
Diagnosis 447
Diaschisis 700
Diethylene triamine penta-acetic acid 441
Difference images 155
Differentiated thyroid cancer 1465
Differentiated thyroid carcinoma 431
Dimercaptosuccinic acid 727, 1405
Diphosphines 638
Dipyridamole 788
Disease activity 1626
DMSA 1610
Dobutamine echocardiography 1740
6-^{18}-F-L-dopa 707
Dopamine 1666
Dopamine transporter imaging 346, 867
Dopamine transporters 1714, 1809
Dopaminergic medication 346
Dose escalation 123
Dosimetry 76, 766, 1326
Double-head coincidence camera 1617
Doxorubicin 686
Drug influence 340
Dual single-photon emission tomography 536
Dual-head gamma camera 1501

E

ECG-gated single-photon emission tomography 517
Echocardiography 574
Economics 1441, 1598
Effective renal plasma flow 351
Ejection fraction 185, 694
Electronic database 91
Emission tomography 161
Emptying 647
Endocarditis 392
Endovascular brachytherapy 76, 223
Enteric capsule 857
Epidepride 206
Epilepsy 50, 155, 202
Ethyl cysteinate dimer 1800
Exercise 33, 788
Exercise rehabilitation 333
Exercise stress test 327
Extent of surgery 833
Extrastriatal dopamine D_2 receptor 1666

F

[^{18}F]2′-deoxy-2-fluoro-D-glucose 1617
FDG-PET 1538
Feasibility 1694
Fever of unknown origin 1617
Fine-needle aspiration biopsy 62
Flank pain 441
Fluorine-18 α-methyltyrosine 1509
Fluorine-18 fluorodeoxyglucose 70, 91, 490, 524, 590, 676, 822, 1305, 1365, 1509, 1564, 1778, 1835
2-[^{18}F]fluoro-2-deoxy-D-glucose 407
[^{18}F]-2-fluoro-2-deoxy-D-glucose 731
Fluorodeoxyglucose 583, 1441, 1598
Fluoxetine 1402
Focal ischaemia 308
Follow-up 431
Follow-up studies 1292
Fourier analysis 1531
[^{123}I]FP-CIT 346, 867
Frostbite 41, 497
Function 1708
Functional recovery 1494

G

Gadolinium 1334
Gallium-67 citrate 1617
Gallium-67 scan 176
Gallium-67 scintigraphy 1626
Gallium-labelled radioligands 273
Gamma camera 619
Gastric peristalsis 1531
Gastric scintigraphy 1531
Gastrointestinal toxicity 668
Gated single-photon emission tomography 413, 419, 694, 1372, 1747
Gender 867
Gene therapy 283
Geometric arc correction 83
Germ cell tumour 590
Glucose transporter 1778
Glutamate 1723
Graphical analysis 1714
Gravity 529
GRP receptor 1694
Guidelines 1465

H

Haematotoxicity 123
Head injury 1410
Heart 302
Heart failure 319
Heart, rat and human 7

Heart transplantation 1650, 1754
Helical computed tomography 441
Heparin 1481
Hepatic resection 170
High-performance liquid chromatography 206
Hodgkin's disease 176, 1564
Holmium-166 skin patch 842
HSV1-tk 283
Hydrocephalus 559
HYNIC 1318

I

^{131}I activity 1591
Ictal SPET 1658
IDEC-Y2B8 766
Image processing 400
Image registration 147, 619, 847
Imaging 283, 392, 447, 807
Imaging methods 359
Immunohistochemistry 686
In vivo diagnostic procedure 1774
Indium 1334
Indium-111 753
Indium-111 labelled platelet scan 314
^{111}In-DTPA-D-Phe^{1}-octreotide 628
Infarct size 807, 1827
Infection 822, 1473
Inflammation 1835
Inflammatory bowel disease 656
Inhalation scintigraphy 1402
Inotropic response 413
Input function 407
Interferon-α 209
Internal dosimetry 1387
Internal radiotherapy 1487
Internalizing monoclonal antibody 753
Interobserver variability 1610, 1809
Intracerebral ring-enhancing lesion 46
Intrahepatic arteriovenous shunt 668
Intraobserver variability 1809
Intra-operative detection 377
Intraoperative gamma probe 1300
Intratumoural injection 1399
Iodine-123 1326
Iodine-123 α-methyltyrosine 550
Iodine-123 labelled *N*-isopropyl-*p*-iodoamphetamine 559
Iodine-123 metaiodobenzylguanidine 333, 340, 1641
Iodine-123 *N*-isopropyl-4-iodoamphetamine 308
Iodine-123-labelled amino acids 1543
Iodine-125 iomazenil 308
Iodine-131 425
Iodine-131 metaiodobenzylguanidine 686
[^{123}I]IPT 1809
Ischaemia 508, 788, 1632
Ischaemic heart disease 333
Iterative reconstruction 485, 1380

K

Kidney 1610
Kinetic modeling 1714
Kinetic modelling 1538, 1674

L

Lactate 33
Laser revascularisation 1292
Left ventricular ejection fraction 1760
Left ventricular remodelling 1641
Leukocyte scintigraphy 46
Ligands 1723
Liver tumour 407
Low-dose dobutamine 413, 419
Lung 800
Lung cancer 861, 1441, 1598, 1778
Lung perfusion scintigraphy 1481
Lung volume 529
Lupus nephritis 1626
Lymphoma 176, 1457, 1564

M

Magnetic resonance 147
Malignant gliomas 601
Malignant melanoma 70, 447
Malignant primary bone tumours 1305
Mandibular reconstruction 1552
Maprotiline 1402
Median sternotomy 660
Medullary thyroid cancer 490
Medullary thyroid carcinoma 1312
Meningioma 1793
Mental stress 1760
Metabolism 25
Metabolite correction 1674
Metabolites 206
Metaiodobenzylguanidine 566, 574, 595, 816
Metastases 70, 1487
Metastatic disease 431
Methacrylate 857
^{11}C-L-methionine 1793
L-[Methyl^{11}C]methionine 542
Methylphenidate 1518
Microvascularized bone grafts 1552
Minimally invasive surgery 1300
MIRD 76
MIRD phantoms 1387
Monoclonal antibodies 601
Multicentre study 192
Multi-drug resistance 638
Multidrug resistance 1786, 1845
Multi-modality images 147
Multiple system atrophy 595
Musculoskeletal tumour 1509
Mutual information 847
Myocardial adrenergic innervation 816
Myocardial blood flow 1340
Myocardial infarction 816
Myocardial innervation 333
Myocardial kinetics 1632
Myocardial perfusion 327, 333, 1372
Myocardial perfusion imaging 1349
Myocardial revascularization 1740
Myocardial uptake 340
Myocardial viability 676, 1494, 1501, 1747
Myocardium 574, 788, 1525

N

Neck ultrasound 1300
Neuroblastoma 574
Neuroendocrine tumours 1684
Neuropsychological test 1800
Neurosurgery 50
Nigrostriatal dysfunction 1408
N-isopropyl-4-iodoamphetamine 308
NMDA 1723
No-carrier-added MIBG 302
Non-Hodgkin's lymphoma 766
Non-small cell lung cancer 536
Non-uniform attenuation correction 1380
Noradrenaline 574
Normalization 155, 1708
Nuclear imaging 1774
Nuclear medicine meetings 215

O

O-(2-[^{18}F]Fluoroethyl)-L-tyrosine 542
Octreotate 273
Octreotide 628
Oligodendroglioma 778
OS-EM algorithm 140
Osseous metastases 1305
Osteomyelitis 524
Oxidative metabolism 319
Oxygen-15-labelled water 192

P

Paediatrics 1372
Pain 1487
Painful bone metastases 123
Pancreatic adenocarcinoma 1684
Parathyroid adenoma 485
Parkinsonism 566
Parkinson's disease 346, 566, 595, 1809
Pelvic inflammatory disease 1774
Peptide receptor imaging 1312
Performance evaluation 83
Perfusion 50
Peripheral benzodiazepine receptor 1326
Pethidine 656
Phaeochromocytoma 574
Phantoms 131, 1525, 1813
Physiological bowel excretion 656
Pinhole 140
PK 11195 1326
Platelet aggregation 392
Plummer's disease 1286
Positron emission tomography 7, 70, 83, 91, 131, 192, 319, 407, 475, 490, 524, 542, 583, 590, 619, 638, 676, 707, 731, 778, 822, 861, 1305, 1365, 1415, 1441, 1457, 1501, 1509, 1557, 1564, 1598, 1650, 1666, 1719, 1723, 1778, 1793, 1813, 1835
Prediction 1421
Preoperative management 62
Presynaptic sympathetic innervation 302
Pretest clinical probability 1280
Prevention of restenosis 76
Primary hyperparathyroidism 485, 1300
Primary lung cancer 1538
Prognosis 176
Programmed cell death 359
Prolonged febrile syndrome 314
Prostate cancer 123, 1405, 1413, 1487
Protein gene product 9.5 686
Proton beam therapy 1793
Pulmonary embolism 400, 1280, 1481
Pulmonary emphysema 800
Pulmonary nodule 1441
Pulmonary perfusion 529

Q

Quality assurance 215
Quantification 185, 1494, 1827
Quantitation 161
Quantitative scintigraphy 1286
Quantitative single-photon emission tomography 50

R

Rabbit myocardium 340
Radiation dosimetry 377
Radiation protection 583

Radiation safety 377
Radiation therapy 861
Radioimmunotherapy 601, 753, 766
Radioiodine 601, 1465
Radioiodine therapy 503, 1286
Radioiodine treatment 833
Radiolabeled estradiol 1421
Radiolabelled FIAU 283
Radiometal 753
Radionuclide 842
Radionuclide angiography 694
Radionuclide imaging 508
Radionuclide renography 351
Radionuclide studies 647, 1481
Radionuclide ventriculography 1760
Radiopharmaceutical dosimetry 1387
Radiotherapy 536, 842
Radioyttrium 601
Receptor affinity 273
Receptor scintigraphy 628, 1684
Receptors 392
Reconstruction 140
Reconstruction protocols 707
Recovery coefficient 161
Regional blood flow 1292
Regional cerebral blood flow 131
Regional chemotherapy 668
Regional myocardial blood flow 192
Registration 202
Renal graft 314
Renal scan 441, 727
Renal scintigraphy 871
Renal transplantation 871
Renal tubular agents 351
Reperfusion 308, 508, 1641
Reproducibility 50, 185, 1666
Response 1421
Response monitoring 731
Restenosis 223
Reversibility 1747
Rhenium-188 223, 1405
Rhenium-188 diethylene triamine penta-acetic acid 76
Rhenium-188 hydroxyethylidene diphosphonate 123
Rituximab 766
ROC analysis 1365
RS-15385-197 475
RS-79948-197 475

S

Scatter 1356
Scatter correction 131, 1813
Schizophrenia 1723
Scintigraphy 41, 176, 292, 392, 595, 788, 1318
Scintigraphy, activated T cells 18
Search strategy 91
Secondary liver neoplasms 668
Semi-quantitative method 1626
Sentinel lymph node 1397
Sentinel lymph node technique 377
Serotonin transporter 1719
Sestamibi 1632
Silent gut inflammation 1768
Simulation 1372
Simultaneous fitting 1674
Single-photon emission tomography 131, 147, 155, 206, 302, 346, 550, 559, 619, 676, 721, 800, 867, 1380, 1410, 1525, 1543, 1552, 1617, 1714, 1723, 1800, 1827
Small heart 1372
Soft tissue sarcoma 1839
Somatostatin 628, 1318
Somatostatin analogue 1754
Somatostatin receptor scintigraphy 1754
Somatostatin receptor subtypes 273
Specific absorbed fractions 1387
Spinal lesions 1473
Spine 721
Spline interpolation 83
Spondylitis 524
Spondyloarthropathy 1768
Staging 1415, 1457
Standardisation 647
Statistical parametric mapping 1658, 1800
Stereotactic irradiation 1793
Sterile inflammation 292
Sternal wound infections 660
Stomach 647, 647
Striatal D2 receptor 1410
Striatal dopamine transporter 1410
Striatum 1714
Strontium-89 1487
Subarachnoid haemorrhage 559
Substituted phenylthiobenzylamines 1719
Subtraction method 1658
Sympathetic nervous function 566
Sympathetic nervous system 1650

T

Tachyarrhythmias 302
^{99m}Tc-furifosmin 1839
^{99m}Tc-HMPAO leucocyte scintigraphy 1774
^{99m}Tc-HMPAO-labelled leucocyte scintigraphy 1768
^{99m}Tc-MIBI 431, 485, 713, 1839
^{99m}Tc-tetrofosmin 333, 1786, 1839
^{99m}Tc-tricine-HYNIC-D-Phe^{1}-Tyr^{3}-octreotide 628
[^{99m}Tc]TRODAT-1 1518
Technetium-99m 1318, 1700, 1845
Technetium-99m diethylene triamine penta-acetic acid 1402
Technetium-99m DISIDA 170
Technetium-99m ethylene dicysteine 351
Technetium-99m hexakis-2-met-hoxyisobutylisonitrile 536
Technetium-99m hexamethylpropylene amine oxime 46, 656, 660
Technetium-99m labelled agents 327
Technetium-99m labelling 292
Technetium-99m macroaggregated albumin 529, 800
Technetium-99m mercaptoacetyltriglycine 351
Technetium-99m nanocolloid 1397
Technetium-99m pertechnetate 1286
Technetium-99m pertechnetate/technetium-99m methoxyisobutylisonitrile subtraction scan 1300
Technetium-99m RP527 1694
Technetium-99m sestamibi 41, 517, 1786
Temporal lobe epilepsy 1658
Temporal sampling 694
Testicular function 503
Thallium 694
Thallium-201 550, 713, 1292, 1349, 1632, 1740
Thallium-201 chloride 536
Thallium-201 gated single-photon emission tomography 185
Therapeutic uptake 1591
Therapy 1405
Therapy planning 431
Thymus 425
Thyroid cancer 503, 833, 1591
Thyroid carcinoma 62, 1397
Thyroid nodules 62, 713
Thyroid stunning 1591
Thyroid uptake 1286
Tracer kinetics 1708
Transmission computed tomography 1356
Transmission imaging 202
Treatment 1465
Treatment of frostbite 497
Tubo-ovarian abscess 1774
Tumours 638, 1845
Tumour targeting 209
Tyrosine-octreotide 1318

U

Ultrasonography guidance 62
Uniformity measurement 83
Uptake mechanism 340
Ureterolithiasis 441

V

V, Q lung scan 1280
Validation 147
Vasoactive intestinal peptide 1684
Ventricular arrhythmias 327
Ventricular volume 185
Verbal fluency 1800
Vertebral metastases 721
Viability 508
Viable myocardium 1740
Voxel phantoms 1387

W

Wall motion 1525
Wall thickening 413, 1747
White blood cell scan 660, 1473
Whole-body scans 425

X

Xenon-133 gas 800

Y

Yttrium-90 753
Yttrium-90 Zevalin 766
Yttrium-labelled radioligands 273